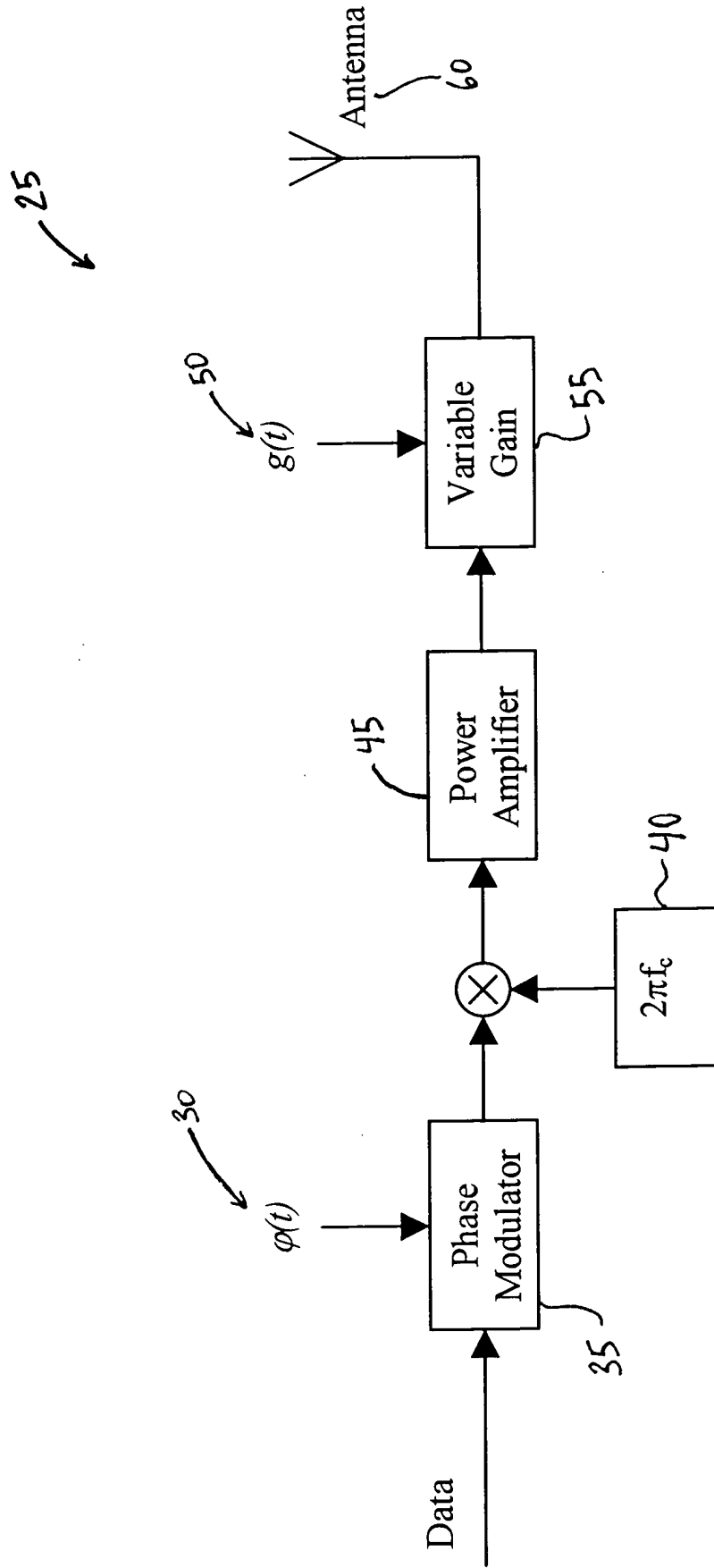


$$y(t) = x(t) \otimes h(t) = \int_{-\infty}^{\infty} x(t - \tau) \cdot h(\tau) d\tau$$

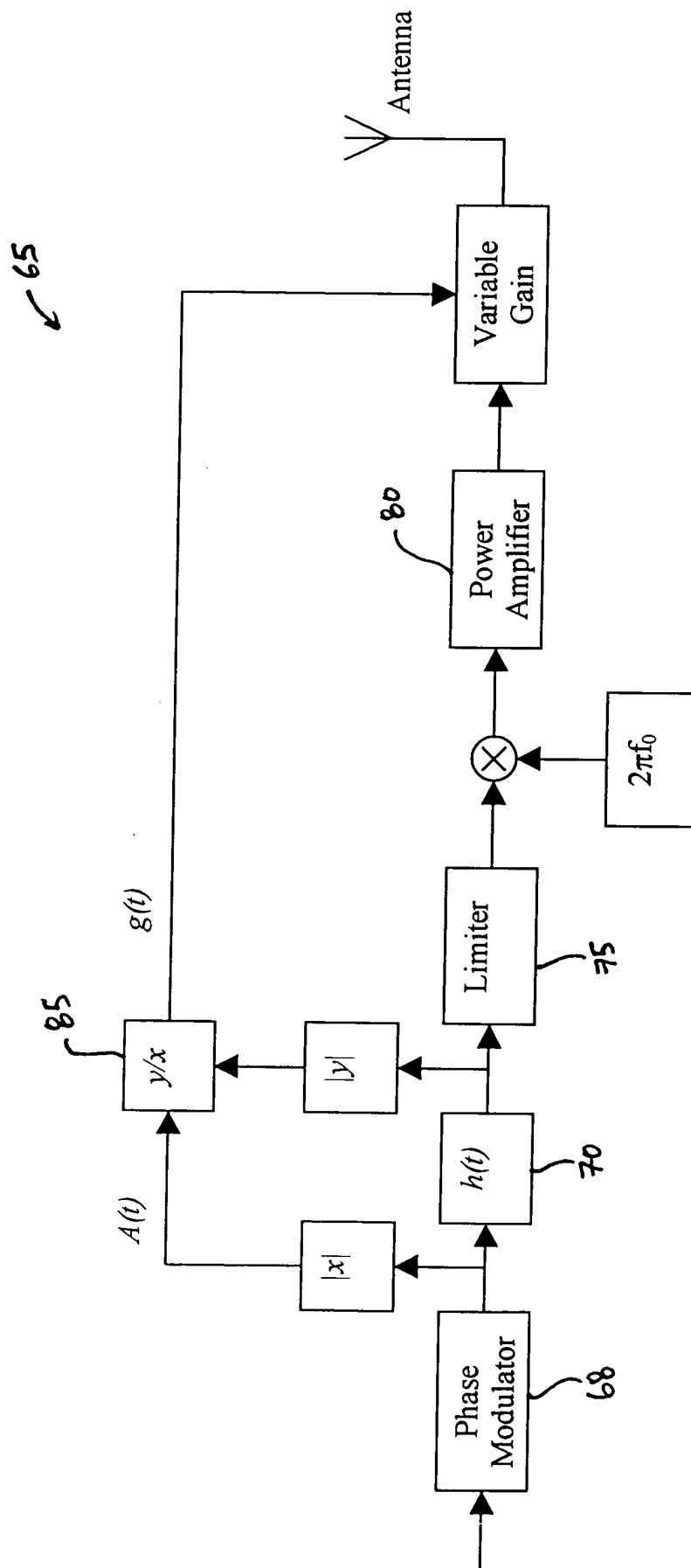
Filtering in the time domain

FIG. 1



Block diagram of a transmitter with two part polar filtering

FIG. 2



Block diagram of transmitter illustrating the calculation of  $j(t)$  and  $g(t)$ .

3  
G.  
F/G

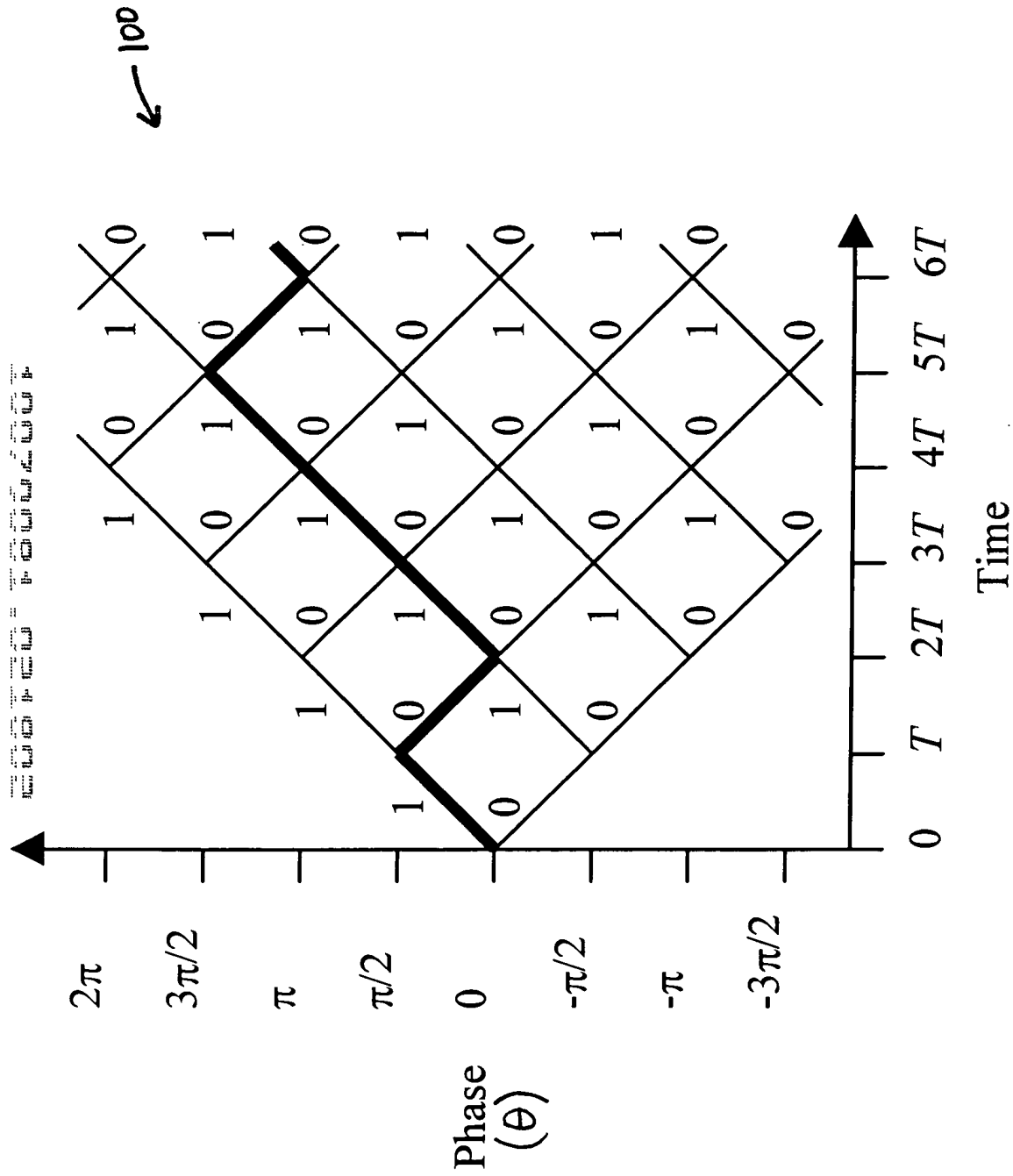


FIG. 4

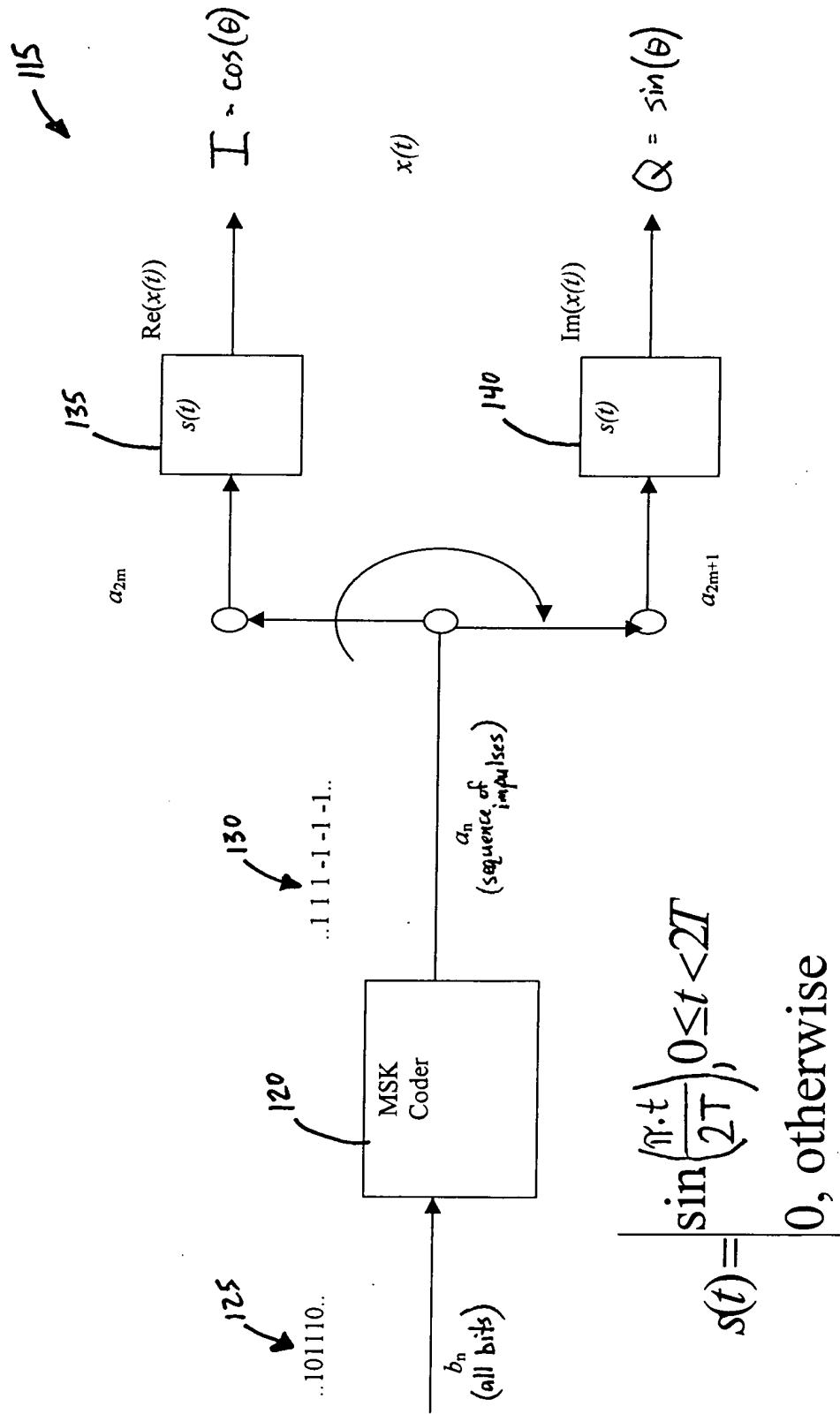


FIG. 5

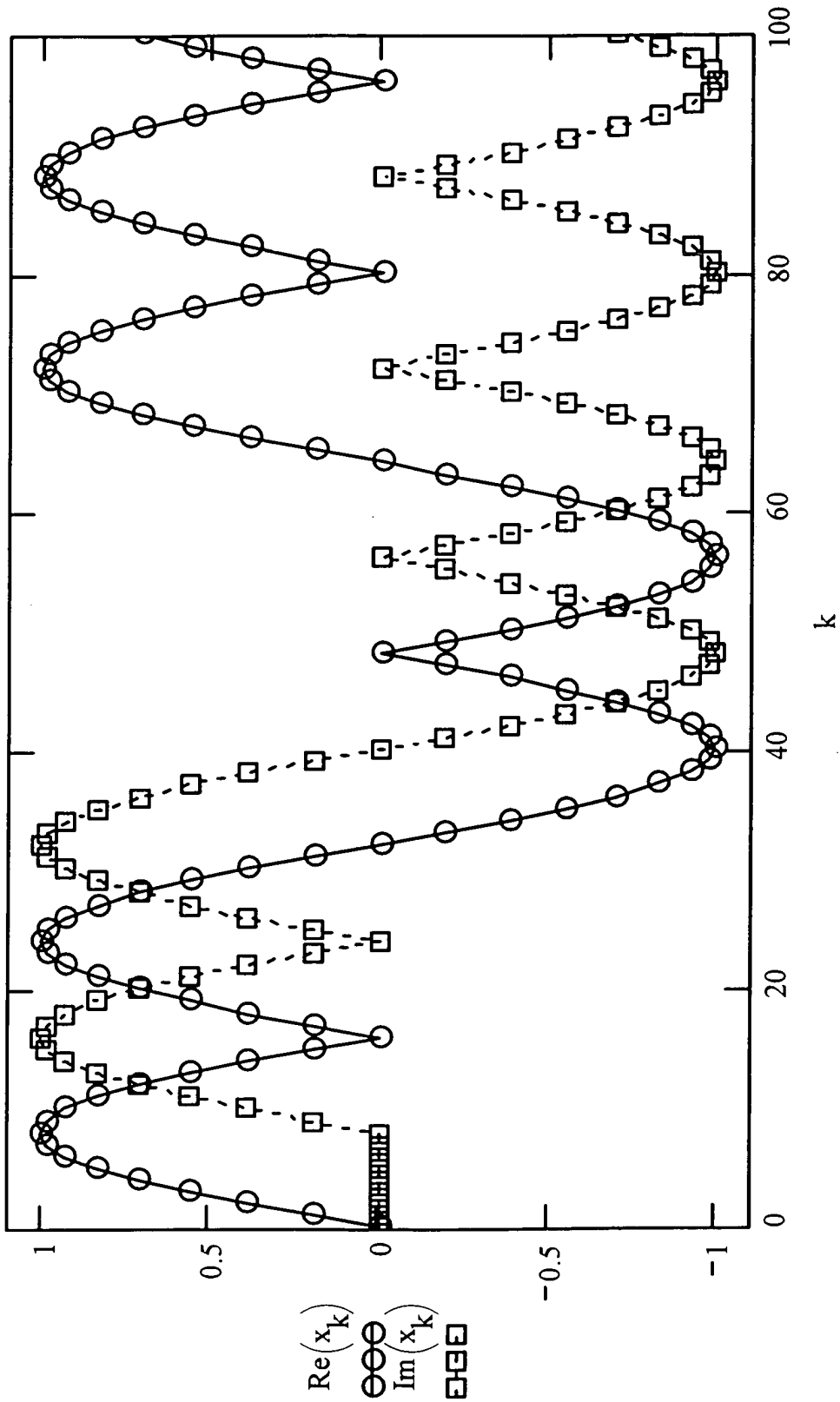


FIG. 6

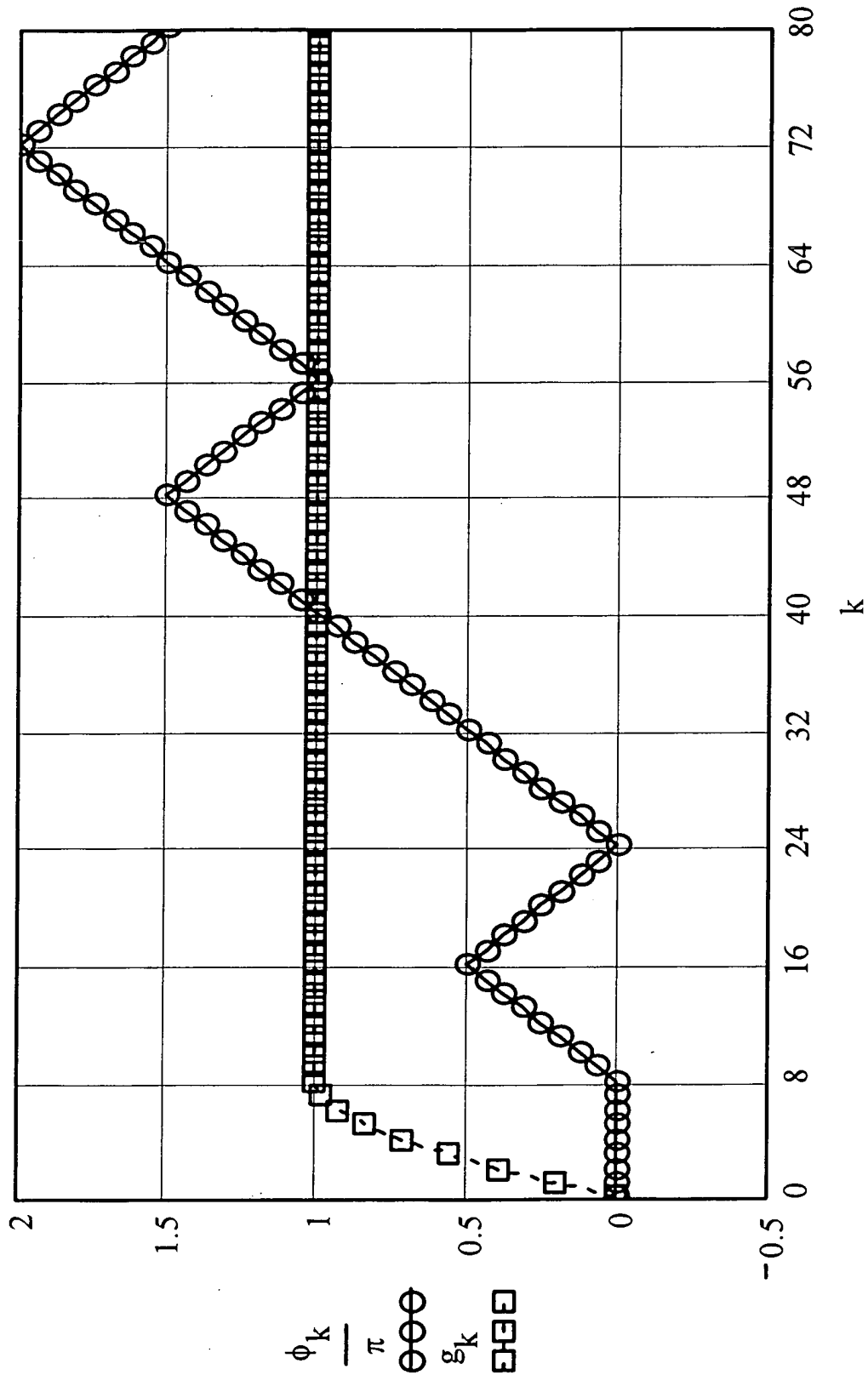


FIG. 7

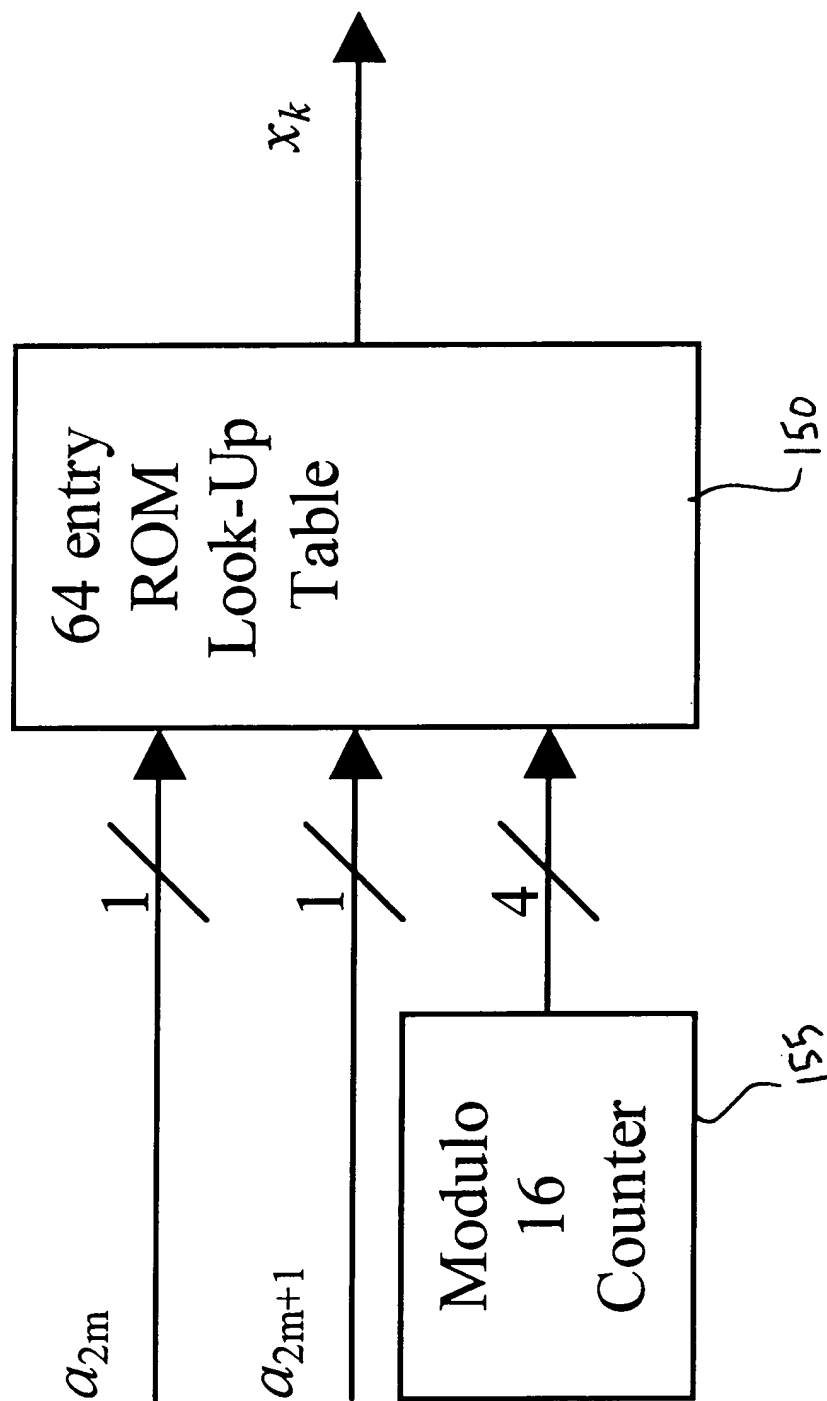


FIG. 8



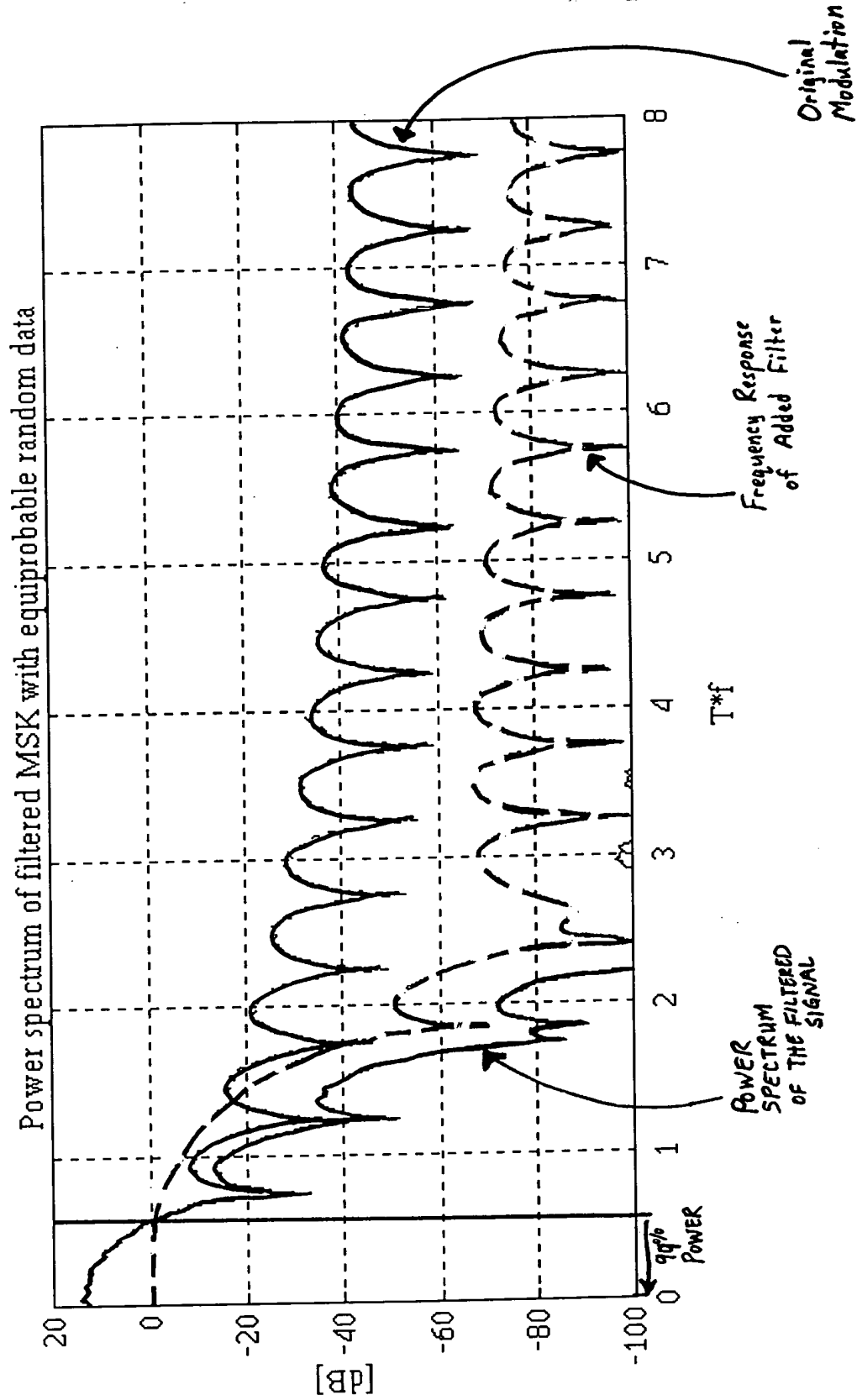


FIG. 9

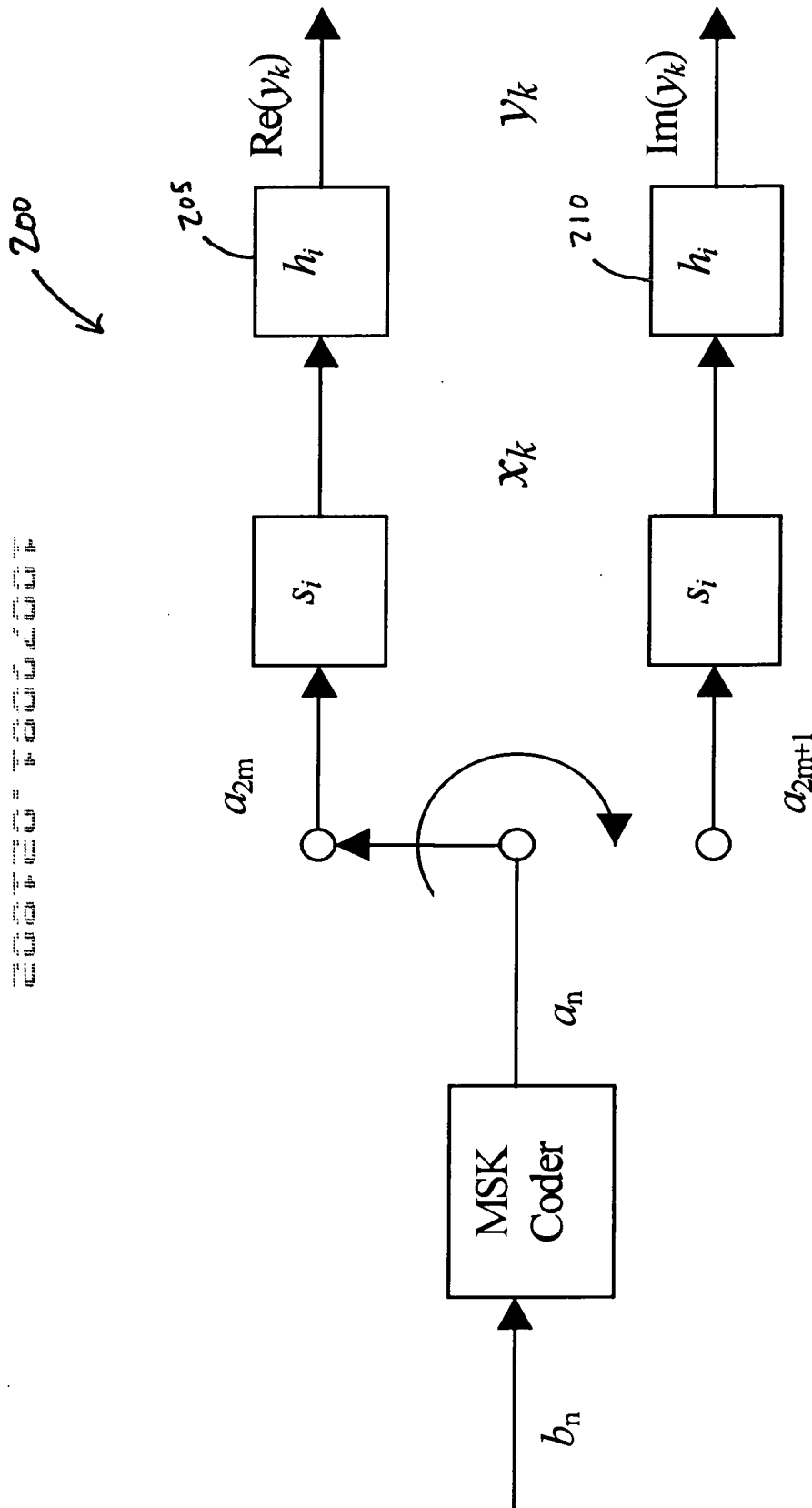


FIG. 10

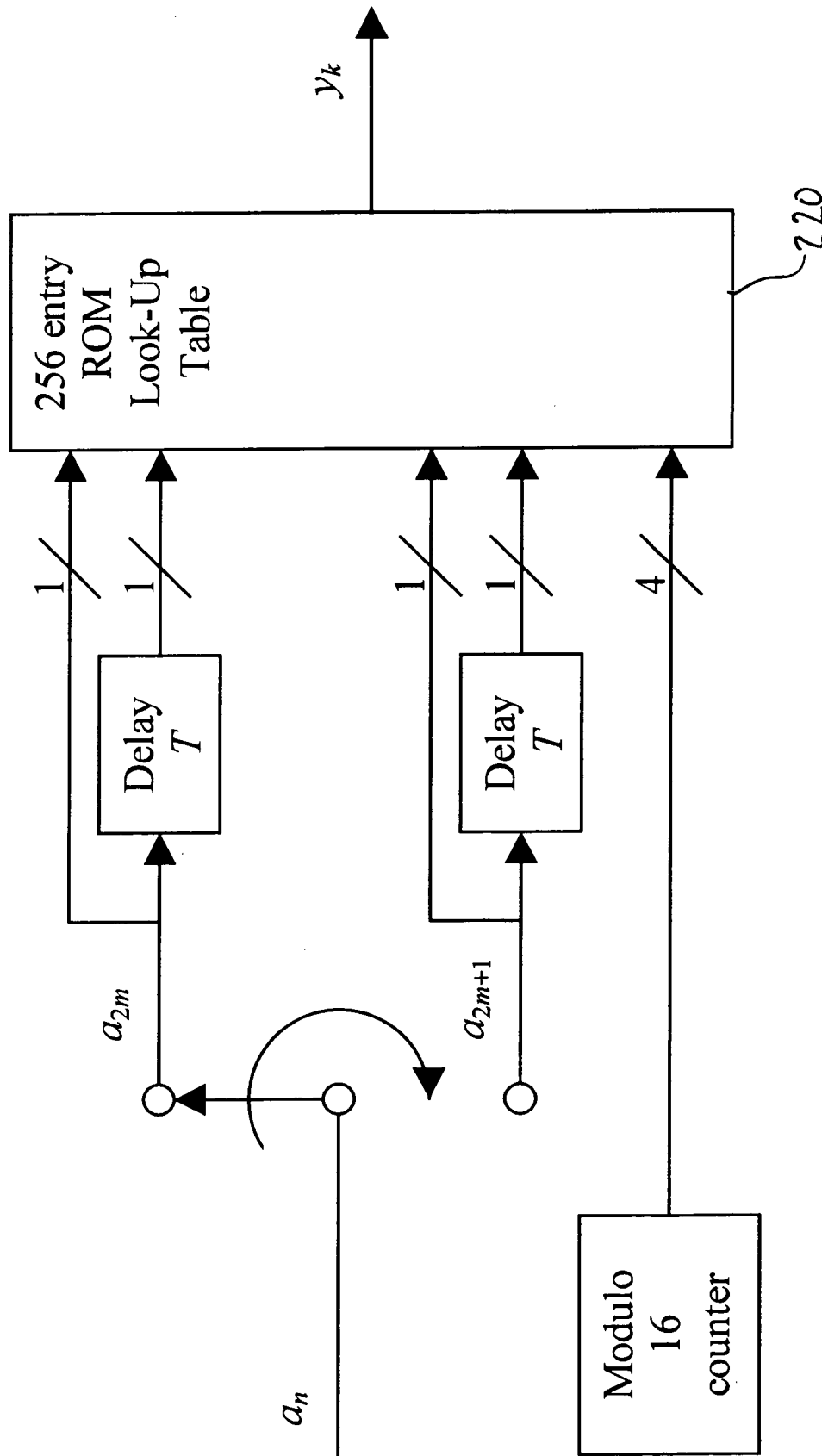


FIG. 11

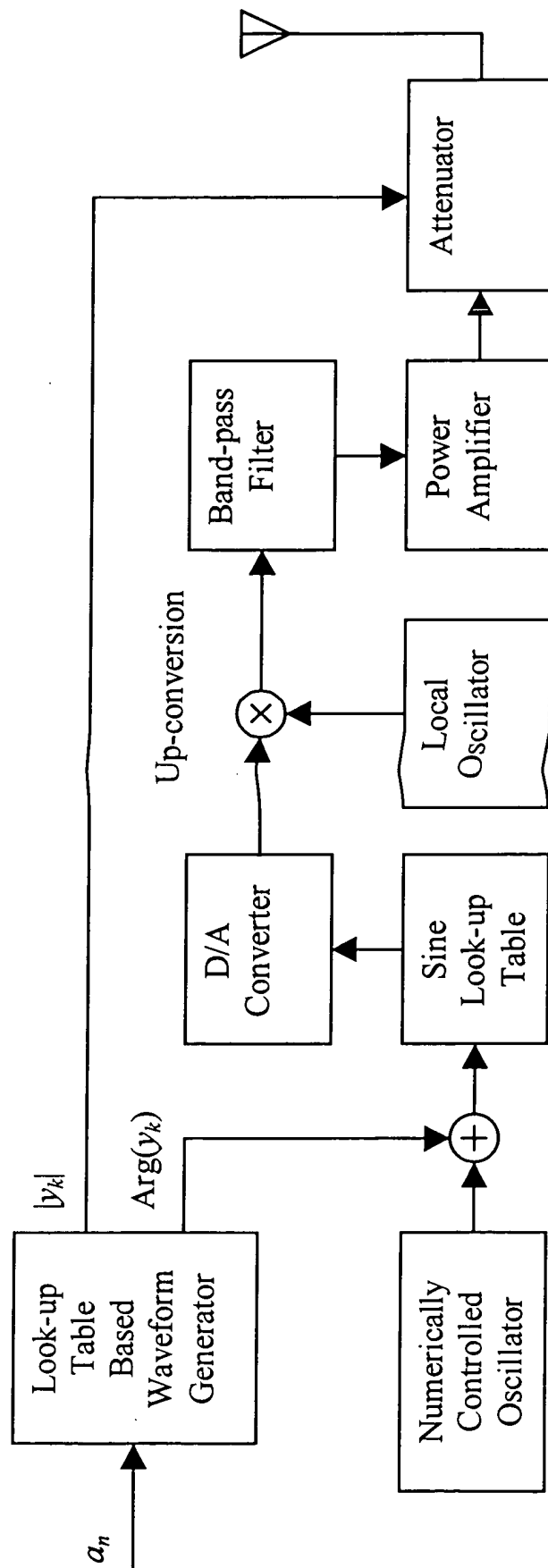


FIG. 12